Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 13 Apr 2023 until 23:59 on Friday 14 Apr 2023

Forecast Issued on Thursday 13 Apr 2023 at 00:58

Confidence: High for cool and unsettled conditions and for the transition to a milder, more settled weekend. Lower for rain and shower details Thursday and Sunday.

Headline for Thursday 13 Apr 2023: Bands of rain or snow soon clearing, but remaining largely cloudy with scattered showers. Windy.

Mountain weather hazards on Thursday 13 Apr 2023

Blizzards Low Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet showers	Heavy rain showers	Sleet showers	Sleet showers	Partly cloudy (night)
Precipitation probability					
60%	60%	60%	50%	30%	20%

Forecast for Thursday 13 Apr 2023

Weather: A cloudy start with showery outbreaks of rain, turning wintry above 600m, showers likely forming organised bands and becoming slow moving by the afternoon. Thundery downpours possible during the afternoon. Showers falling as snow above 600m, particularly in association with heavy or persistent bursts.

Chance of cloud-free hill tops above 600m: 20%

Low Cloud and visibility: Widespread low cloud initially with bases around 300-500m. Lowest bases likely on western upslopes. Cloud bases may start to pick up into the afternoon but may suddenly deteriorate backing to 300-500m in and around showers or longer spells of rain or snow. Higher routes may be obscured for several hours where showers merge. Visibility moderate to poor initially, and in any showers or spells of rain. Very poor in sleet or snow. Visibility very good otherwise.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 13 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/29 W	18/27 W	18/27 W	15/23 NW	14/22 W	12/19 W	10/16 SW
300	14/28 W	14/27 W	15/26 W	13/24 W	10/21 W	8/17 W	5/13 SW
Valley	12/26 W	13/25 W	14/26 W	12/24 W	9/19 W	5/13 SW	3/10 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	2/-4	3/-2	3/-1	3/-2	2/-3	2/-3
300	4/-1	4/0	6/2	6/3	5/2	4/1	4/1
Valley	5/1	6/3	7/4	8/5	7/4	6/4	4/3
Freezing Level*	800m	800m	900m	900m	900m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 30-40 mph may give difficult walking conditions and a risk of being blown off balance. Be prepared for sudden stronger gusts on lee slopes and exposed ridges. Significant wind chill likely at height due to wet and windy conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 13 Apr 2023	6mm	17.8mm	30.8mm

Forecast for Friday 14 Apr 2023

Weather: Patches of low cloud possible on higher peaks, otherwise a widely fine and bright start. Fair weather cloud bubbling up by mid-morning, giving a cloudier afternoon with a chance of showers. Wintry mix to showers over higher peaks. An area of cloud and rain pushing east across central England may extend northwards to affect the southern Dales during the evening. Otherwise, remaining fine. Skies clearing overnight.

Maximum wind: Southeast 15-20mph.

Chance of cloud-free hill tops above 600m: 60%, soon rising to above 80%. 50% in the far south later.

Low Cloud and visibility: Low cloud is expected to obscure tops above around 500m at first, lifting clear of summits by mid-morning. In association with rain bands or showers, cloud bases may suddenly lower to around 600m, perhaps as low as 400m in any wintry showers and if rain band affects the south later. Visibility generally good, but falling to poor in rain and showers and very poor in snow.

Temperature: **Valleys:** Plus 3 Celsius becoming Plus 10 Celsius.
At 600m: Plus 1 Celsius becoming Plus 5 Celsius.
Freezing level: Around 700m, lifting clear of summits.

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